

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A synergistic herbicidal mixture comprising

A) 4-[2-methyl-3-(4,5-dihydroisoxazol-3-yl)-4-methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole

and

B) two herbicides selected from the group including consisting of imazapyr, imazaquin, imazamethabenz-methyl, imazamox, imazapic and imazethapyr; and,

C) a triazine selected from the group consisting of ametryn, atrazine, cyanazine, desmetryn, dimethamethryn, prometon, prometryn, propazine, simazine, simetryn, terbumeton, terbutryn, terbutylazine and trietazine at least one herbicidal compound from the groups C1 to C16:

C1—acetyl-CoA carboxylase inhibitors (ACC):

——cyclohexenone oxime ethers:

alloxydim, clothodim, cloproxydim, cycloxydim, sethexydim, tralkoxydim, butoxydim, clefoxydim or tepraloxydim;

——phenoxyphenoxypionic esters:

clodinafop-propargyl (and, if appropriate, cloquintocet), cyhalofop-butyl, diclofop-methyl, fenoxaprop-ethyl, fenoxaprop-P-ethyl, fenthiapropethyl, fluazifop-butyl, fluazifop-P-butyl, haloxyfop-

ethoxyethyl, haloxyfop-methyl, haloxyfop-P-methyl, isoxapyrifop,
propanquizafox, quizafox-ethyl, quizafox-P-ethyl or quizafox-
tefuryl; or

— arylaminopropionic acids:

flamprop-methyl or flamprop-isopropyl;

G2— acetolactate synthase inhibitors (ALS):

— imidazolinones:

imazapyr, imazaquin, imazamethabenz-methyl, imazamox, imazapic or
imazethapyr;

— pyrimidyl-ethers:

pyrithiobac-acid, pyrithiobac-sodium, bispyrithiobac-sodium, KIH-6127 or
pyribenzoxym;

— sulfonamides:

florasulam, flumetsulam or metesulam; or

— sulfonylureas:

amidosulfuron, azimsulfuron, bensulfuron-methyl, chlorimuron-ethyl,
chlorsulfuron, cinosulfuron, cyclosulfamuron, ethametsulfuron-methyl,
ethoxysulfuron, flazasulfuron, halosulfuron-methyl, imazosulfuron,
metsulfuron-methyl, nicosulfuron, primisulfuron-methyl, prosulfuron,
pyrazosulfuron-ethyl, rimsulfuron, sulfometuron-methyl, thifensulfuron-
methyl, triasulfuron, tribenuron-methyl, triflurosulfuron-methyl, N-[[[4-
methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]amino]-carbonyl]-2-
(trifluoromethyl)-benzenesulfonamide, sulfosulfuron or iodosulfuron;

C3—amides:

——allidechlor (CDAA), benzoylprop-ethyl, bromobutide, chlorthiamid,
diphenamid, etobenzanid (benzchlomet), fluthiamide, fosamin-or
monalide;

C4—auxin herbicides:

——pyridine carboxylic acids:
clopyralid-or picloram; or
——2,4-D-or-benzoxolin;

C5—auxin transport inhibitors:

——naptalame-or-diflufenzopyr;

C6—carotenoid biosynthesis inhibitors:

——benzofenap, clomazone (dimethazone), diflufenican, fluorechloridone,
fluridone, pyrazolynate, pyrazoxyfen, isoxaflutole, isoxachlortole,
mesotrione, sulcotrione (chlormesulone), ketospiradox, flurtamone,
norflurazon-or-amitrol;

C7—enolpyruvylshikimate-3-phosphate synthase inhibitors (EPSPS):

——glyphosate-or-sulfosate;

C8—glutamine synthetase inhibitors:

——bisanafos (bialaphos)-or-glufosinate-ammonium;

C9—lipid biosynthesis inhibitors:

——anilides:
anilofos-or-mefenacet;
——chloroacetanilides;

dimethenamid, S-dimethenamid, acetochlor, alachlor, butachlor,
butenachlor, diethatyl-ethyl, dimethachlor, metazachlor, metolachlor,
S-metolachlor, pretilachlor, propachlor, prynachlor, terbutachlor,
thenylchlor or xylachlor;

—— thioureas:

butylate, cycloate, di-allate, dimepiperate, EPTC, esprocarb, molinate,
pebulate, prosulfocarb, thiobencarb (benthicarb), tri-allate or
vernelate; or

—— benfuresate or perfluidone;

C10 — mitosis inhibitors:

—— carbamates:

asulam, carbetamid, chlorpropham, orbencarb, pronamid
(propyzamid), propham or tiocarbazil;

—— dinitroanilines:

benefin, butralin, dinitramin, ethalfluralin, fluchloralin, oryzalin,
pendimethalin, precliamine or trifluralin;

—— pyridines:

dithiopyr or thiazopyr; or

—— butamifos, chlorthal dimethyl (DCPA) or maleic hydrazide;

C11 — protoporphyrinogen IX oxidase inhibitors:

—— diphenyl ethers:

acifluorfen, acifluorfen sodium, acenifene, bifenox, chlornitrofen (CNP),
ethoxyfen, fluorendifen, fluoroglycofen-ethyl, fomesafen, furoxymfen,

lactofen, nitrofen, nitrofluorfen or oxyfluorfen;

— oxadiazoles:

oxadiargyl or oxadiazon;

— cyclic imides:

azafenidin, butafenacil, carfentrazone-ethyl, cinidon-ethyl, flumiclorac-pentyl, flumioxazin, flumipropyn, flupropacil, fluthiacet-methyl, sulfentrazone or thidiazimin; or

— pyrazoles:

ET-751, JV-485 or nipyraclufen;

C12-photosynthesis inhibitors:

— propanil, pyridate or pyridafol;

— benzothiadiazinones:

bentazone;

— dinitrophenols:

bromfenoxim, dinoseb, dinoseb-acetate, dinoterb or DNOC;

— dipyridylenes:

cyperquat-chloride, difenzoquat-methylsulfate, diquat or paraquat-dichloride;

— ureas:

chlorbromuron, chlorotoluron, difenoxuron, dimefuron, diuron, ethidimuron, fenuron, fluometuron, isoproturon, isouron, linuron, methabenzthiazuron, methazole, metobenzuron, metoxuron, monolinuron, neburon, siduron or tebuthiuron;

— phenols:

bromoxynil or ioxynil;

— chloridazon;

— triazines:

ametryn, atrazine, cyanazine, desmetryn, dimethamethryn,

hexazinone, prometon, prometryn, propazine, simazine, simetryn,

terbumeton, terbutryn, terbutylazine or trietazine;

— triazinones:

metamitron or metribuzine;

— uracils:

bromacil, lonacil or terbacil; or

— biisocarbamates:

desmedipham or phenmedipham;

C13 synergists:

— oxiranes:

tridiphane;

C14 growth substances:

— aryloxyalkanoic acids:

2,4-DB, clomeprop, dichlorprop, dichlorprop-P (2,4-DP-P), fluoroxypyr,

MCPA, MCPB, mecoprop, mecoprop-P, or triclopyr;

— benzoic acids:

chloramben or dicamba; or

— quinolinecarboxylic acids:

quinclerae or quinmerae;

C15 cell-wall-synthesis inhibitors:

— isoxaben or dichlobenil;

C16 various other herbicides:

— dichloropropionic acids:

dalapon;

— dihydrobenzofurans:

ethofumesate;

— phenylacetic acids:

chlorfenae (fene); or

— aziprotryn, barban, bensulide, benzthiazuron, benzoefluer, buminafos,
buthidazole, buturon, cafenstrole, chlorbufam, chlorfenprop-methyl,
chlorexuron, cinmethylin, cumyluron, cycluron, cyprazine, cyprazole,
dibenzyluron, dipropetryn, dymron, eglinazin-ethyl, endothall, ethiozin,
flucabazone, fluorbentrail, flupoxam, isocarbamid, isopropalin,
karbutilate, mefluidide, monuron, napropamide, napropanilide, nitralin,
oxaciclomefene, phenisopham, piperophos, precyazine, profluralin,
pyributicarb, secbumeton, sulfallate (CDEC), terbucarb, triazofenamid,
triaziflan or trimeturon;

or their environmentally compatible salts;

in a synergistically effective amount.

Claims 2 - 7. (Canceled)

8. (Previously Presented) A synergistic herbicidal mixture as claimed in claim 1, comprising as component B) imazapyr and imazethapyr.

9. (Previously Presented) A synergistic herbicidal mixture as claimed in claim 1, comprising as component B) imazapic and imazapyr.

Claims 10 - 22. (Canceled)

23. (Previously presented) A synergistic herbicidal mixture as claimed in claim 1 comprising, as component A) 4-[2-methyl-3-(4,5-dihydroisoxa-zol-3-yl)-4-methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole, as component B) imazapyr and imazethapyr as component C) atrazine.

24. (Canceled)

25. (Canceled)

26. (Previously presented) A synergistic herbicidal mixture as claimed in claim 1 comprising, as component A) 4-[2-methyl-3-(4,5-dihydroisoxa-zol-3-yl)-4-methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole, as component B) imazapic and imazapyr as component C) atrazine.

27. (Previously presented) Synergistic herbicidal mixture as claimed in claim 1, wherein component A) and B) are present in a weight ratio of 1:0.001 to 1:500.
28. (Previously presented) Synergistic herbicidal mixture as claimed in claim 1, wherein component A) and component C) are present in a weight ratio of 1:0.002 to 1:800.
29. (Previously presented) A herbicidal composition comprising a herbicidally active amount of a synergistic herbicidal mixture as claimed in claim 1, at least one inert liquid and/or solid carrier and, if desired, at least one surfactant.
30. (Previously presented) A process for the preparation of herbicidal compositions as claimed in claim 29, comprising mixing component A), component B), if desired, component C), at least one inert liquid and/or solid carrier and, if appropriate, a surfactant.
31. (Currently amended) A method of controlling undesired vegetation, comprising applying simultaneously or separately to said vegetation, the environment of said vegetation and/or seeds of said vegetation
- A) 4-[2-methyl-3-(4,5-dihydroisoxazol-3-yl)-4-methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole;
- and

- B) two herbicides selected from the group including consisting of imazapyr, imazaquin, imazamethabenz-methyl, imazamox, imazapic and imazethapyr; and
- C) a triazine selected from the group consisting of ametryn, atrazine, cyanazine, desmetryn, dimethamethryn, prometon, prometryn, propazine, simazine, simetryn, terbumeton, terbutryn, terbutylazine and trietazine at least one herbicidal compound from the groups C1 to C16:

C1—acetyl-CoA carboxylase inhibitors (ACC):

——cyclohexenone-oxime ethers:

allexydim, clethodim, cloproxydim, cycloxydim, sethoxydim, tralkoxydim, butroxydim, clefoxydim or tepraloxym;

——phenoxyphenoxypionic esters:

clodinafop-propargyl (and, if appropriate, cloquintocet), cyhalofop-butyl, diclofop-methyl, fenoxaprop-ethyl, fenoxaprop-P-ethyl, fenthiapropethyl, fluazifop-butyl, fluazifop-P-butyl, haloxyfop-ethoxyethyl, haloxyfop-methyl, haloxyfop-P-methyl, isoxapyrifop, propaquizafop, quizalofop-ethyl, quizalofop-P-ethyl or quizalofop-tefuryl; or

——arylamino propionic acids:

flamprop-methyl or flamprop-isopropyl;

C2—acetylacetyl synthase inhibitors (ALS):

——imidazolinones:

imazapyr, imazaquin, imazamethabenz-methyl, imazamox, imazapic or

imazethapyr;

— pyrimidyl ethers:

pyrithiobac-acid, pyrithiobac-sodium, bispyribac-sodium, KIH-6127 or
pyribenzoxym;

— sulfonamides:

florasulam, flumetsulam or metosulam; or

— sulfonylureas:

amidosulfuron, azimsulfuron, bensulfuron-methyl, chlorimuron-ethyl,
chlorsulfuron, cinosulfuron, cyclosulfamuron, ethametsulfuron-methyl,
ethoxysulfuron, flazasulfuron, halosulfuron-methyl, imazosulfuron,
metsulfuron-methyl, nicosulfuron, primisulfuron-methyl, prosulfuron,
pyrazosulfuron-ethyl, rimsulfuron, sulfometuron-methyl, thifensulfuron-
methyl, triasulfuron, tribenuron-methyl, triflusaluron-methyl, N-[[[4-
methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]amino]-carbonyl]-2-
(trifluoromethyl)-benzenesulfonamide, sulfosulfuron or iodosulfuron;

C3—amides:

— allidochlor (CDAA), benzoylprop-ethyl, bromobutide, chlorthiamid,
diphenamid, etobenzanid (benzchlomet), fluthiamide, fosamin or
monalide;

C4—auxin herbicides:

— pyridine carboxylic acids:

clepyralid or picloram; or

— 2,4-D or benazolin;

C5—auxin transport inhibitors:

——naptalame or diflufenzopyr;

C6—carotenoid biosynthesis inhibitors:

——benzofenap, clomazone (dimethazone), diflufenican, fluorchloridone,
fluridone, pyrazolynate, pyrazoxyfen, isoxaflutole, isoxachlortole,
mesotrione, sulcotrione (chlormesulone), ketospiradox, flurtamone,
norflurazon or amitrol;

C7—enolpyruvylshikimate-3-phosphate synthase inhibitors (EPSPS):

——glyphosate or sulfosate;

C8—glutamine synthetase inhibitors:

——bisanfos (bialaphos) or glufosinate ammonium;

C9—lipid biosynthesis inhibitors:

——anilides:

anilofos or mefenacet;

——chloroacetanilides:

dimethenamid, S-dimethenamid, acetochlor, alachlor, butachlor,
butenachlor, diethatyl-ethyl, dimethachlor, metazachlor, metolachlor,
S-metolachlor, pretilachlor, propachlor, prynachlor, terbutachlor,
thienylchlor or xylachlor;

——thioureas:

butylate, cycloate, di-allate, dimepiperate, EPTC, esprocarb, molinate,
pebulate, prosulfocarb, thiobencarb (benthiocarb), tri-allate or
vernolate; or

— benfuresate or perfluidone;

C10—mitosis inhibitors:

— carbamates:

asulam, carbetamid, chlorpropham, orben carb, pronamid
(propyzamid), propham or tiocarbazil;

— dinitroanilines:

benefin, butralin, dinitramin, ethalfluralin, fluchloralin, oryzalin,
pendimethalin, prodiamine or trifluralin;

— pyridines:

dithiopyr or thiazopyr; or

— butamifos, chlorthal dimethyl (DCPA) or maleic hydrazide;

C11—protoporphyrinogen IX-oxidase inhibitors:

— diphenyl ethers:

acifluorfen, acifluorfen-sodium, acolonifen, bifenox, chlornitrofen (CNP),
ethoxyfen, fluoreodifen, fluoroglycofen-ethyl, fomesafen, furoxoxfen,
lactofen, nitrofen, nitrofluorfen or oxyfluorfen;

— oxadiazoles:

oxadiargyl or oxadiazon;

— cyclic imides:

azafenidin, butafenacil, carfentrazone-ethyl, cinidon-ethyl, flumiclorac-
pentyl, flumioxazin, flumipropyn, fluproacil, fluthiacet-methyl, sul-
fentrazone or thidiazimin; or

— pyrazoles:

ET-751, JV-485 or nipyraclufen;

C12-photosynthesis inhibitors:

—— propanil, pyridate or pyridafol;

—— benzothiadiazinones:

bentazone;

—— dinitrophenols:

bromofenoxim, dinoseb, dinoseb-acetate, dinoterb or DNOC;

—— dipyridylenes:

cyperquat-chloride, difenzoquat-methylsulfate, diquat or paraquat-dichloride;

—— ureas:

chlorbromuron, chlorotoluron, difenoxuron, dimeturon, diuron,
ethidimuron, fenuron, fluometuron, isoproturon, isouron, linuron,
methabenzthiazuron, methazole, metobenzuron, metoxuron,
monolinuron, neburon, siduron or tebuthiuron;

—— phenols:

bromoxynil or ioxynil;

—— chloridazon;

—— triazines:

ametryn, atrazine, cyanazine, desmetryn, dimethamethryn,
hexazinone, prometon, prometryn, propazine, simazine, simetryn,
terbumeton, terbutryn, terbutylazine or trietazine;

—— triazinones:

metamitron or metribuzine;

— uracile:

bromacil, lenacil or terbacil; or

— isocarbamates:

desmedipham or phenmedipham;

C13 synergists:

— oxiranes:

tridiphane;

C14 growth substances:

— aryloxyalkanoic acids:

2,4-DB, clomeprop, dichlorprop, dichlorprop-P (2,4-DP-P), fluorexypyr,

MCPA, MCPB, mecoprop, mecoprop-P, or triclopyr;

— benzoic acids:

chloramben or dicamba; or

— quinolinecarboxylic acids:

quinclorac or quinmerac;

C15 cell wall synthesis inhibitors:

— isoxaben or dichlobenil;

C16 various other herbicides:

— dichloropropionic acids:

dalapon;

— dihydrobenzofurans:

ethofumesate;

— phenylacetic acids:

chlorfenac (fenac); or

— aziprotryn, barban, bensulide, benzthiazuron, benzoofluor, buminafos, buthidazole, buturon, cafenstrole, chlorbufam, chlorfenprop-methyl, chloroxuron, cinmethylin, cumyluron, cycluron, cyprazine, cyprazole, dibenzyluron, dipropetryn, dymron, eglinazin-ethyl, endethall, ethiozin, flucabazone, fluorbentrail, flupexam, isocarbamid, isoprepalin, karbutilate, mefluidide, monuron, napropamide, napropanilide, nitralin, oxaciclemefene, phenisopham, piperophos, precyazine, profluralin, pyributicarb, secbumeton, sulfallate (CDEC), terbucarb, triazofenamid, triaziflan or trimeturon;

or their environmentally compatible salts;

in a synergistically effective amount.

32. (Previously Presented) The method of claim 31, wherein the undesired vegetation is proximate crop plants, and the application is to the leaves of the crop plant and of the undesired vegetation.

33. (New) The synergistic herbicidal mixture according to claim 1, wherein said triazine is atrazine.